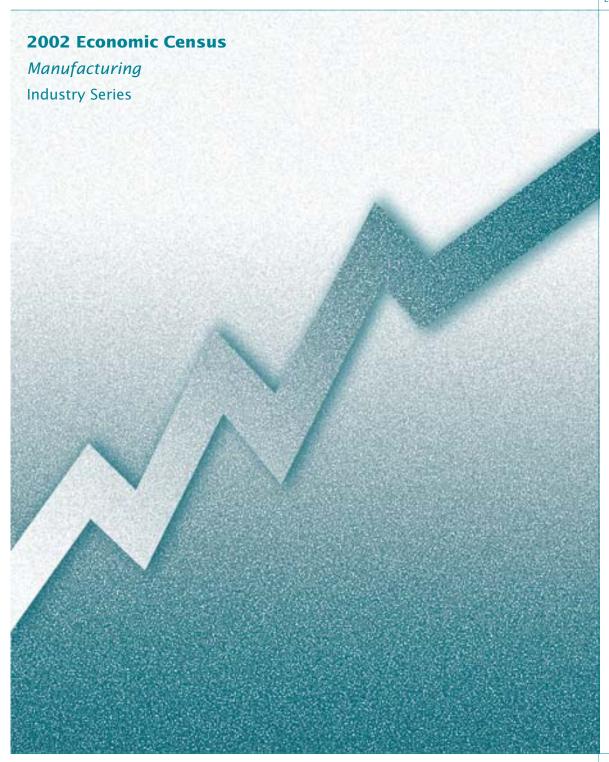
Other Structural Clay Product Manufacturing: 2002

Issued September 2004

EC02-311-327123





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-- Not applicable for this report.

Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

		All	All employees			oduction worl	kers		Total		Total capital
Industry and year ¹	Com- panies ²	estab- lish- ments ³	Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	cost of materials (\$1,000)		expendi- tures (\$1,000)
327123, Other structural clay product manufacturing	50 N N N N	53 N N N N	1 689 1 522 1 473 1 452 1 490 1 332	55 856 43 928 43 148 41 457 38 270 35 163	1 303 1 171 1 151 1 003 1 143 1 025	2 728 2 374 2 342 2 198 2 312 1 945	38 790 30 073 29 878 27 035 24 871 22 877	146 878 108 810 108 758 95 045 90 388 80 941	59 435 46 340 45 057 40 470 35 981 34 771	158 112 147 525	17 538 5 893 6 603 8 737 8 481 4 856

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area		All establishments ²		All employees		Production workers						
		Total	With 20 em- ploy- ees or more	Number ³	Payroll (\$1,000)		Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	materials	Total value of shipments (\$1,000)	tures
327123, Other structural clay product manufacturing												
United StatesCaliforniaOhio	- - -	53 7 7	20 6 4	1 689 533 405	55 856 17 695 15 188	1 303 396 323	2 728 815 707	38 790 12 996 10 709	146 878 54 344 32 946		200 791 74 215 42 052	17 538 9 483 2 302

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

Includes establishments with payroll at any time during the year.

Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
327123, Other structural clay product manufacturing	
Companies ¹ number	50
All establishments ²	53 33 15 5
All employees³ number. Total compensation \$1,000 Annual paproll \$1,000 Total fringe benefits \$1,000	1 689 70 533 55 856 14 677
Production workers, average for year	1 303 1 307 1 289 1 319 1 294
Production worker hours	2 728 38 790
Total cost of materials \$1,000 Materials, parts, containers, packaging, etc., used \$1,000 Resales \$1,000 Purchased fuels \$1,000 Purchased electricity \$1,000 Contract work \$1,000	59 435 36 403 3 816 13 892 5 007 317
Quantity of electricity purchased for heat and power	61 472 S
Total value of shipments \$1,000 Primary products value of shipments \$1,000 Secondary products value of shipments \$1,000 Total miscellaneous receipts \$1,000 Value of resales \$1,000 Contract receipts \$1,000 Other miscellaneous receipts \$1,000	200 791 169 451 21 962 9 378 4 876 4 166 336
Primary products specialization ratio percent. Value of primary products shipments made in all industries \$1,000. Value of primary products shipments made in this industry \$1,000. Value of primary products shipments made in other industries \$1,000.	89 191 457 169 451 22 006
Coverage ratiopercent	89
Value added	146 878
Total inventories, beginning of year \$1,000. Finished goods inventories \$1,000. Work-in-process inventories \$1,000. Materials and supplies inventories \$1,000.	28 684 20 632 2 125 5 927
Total inventories, end of year \$1,000 Finished goods inventories \$1,000 Work-in-process inventories \$1,000 Materials and supplies inventories \$1,000	36 024 25 585 2 694 7 745
Gross value of depreciable assets (acquisition costs) at beginning of year \$1,000 Total capital expenditures (new and used) \$1,000 Buildings and other structures (new and used) \$1,000 Machinery and equipment (new and used) \$1,000 Automobiles, trucks, etc., for highway use \$1,000 Computers and peripheral data processing equipment \$1,000 All other expenditures for machinery and equipment \$1,000 Total retirements \$1,000 Gross value of depreciable assets at end of year \$1,000	117 137 17 538 4 328 13 210 552 332 12 326 4 086 130 589
Depreciation charges during year	5 669
Total rental payments \$1,000. Buildings and other structures \$1,000. Machinery and equipment \$1,000.	2 030 1 027 1 003
Total other expenses ⁴ \$1,000. Response coverage ratio ⁵ percent. Repair and maintenance services of buildings and/or machinery ⁴ \$1,000. Communications services ⁴ \$1,000. Legal services ⁴ \$1,000. Accounting, auditing, and bookkeeping services ⁴ \$1,000. Advertising and promotional services ⁴ \$1,000. Expensed computer hardware and supplies and purchased computer services ⁴ \$1,000. Refuse removal (including hazardous waste) services ⁴ \$1,000. Management consulting and administrative services ⁴ \$1,000. Taxes and license fees ⁴ \$1,000. All other expenses ⁴ \$1,000.	17 281 93 4 371 513 510 211 2 075 428 256 393 800 7 725

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.
2Includes establishments with payroll at any time during the year.
3Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.
4Based on Annual Survey of Manufactures (ASM) sample data.
5A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class			All emp	oloyees	Pr	oduction worke	ers		Total	Tatal	Total
		All estab- lish- ments ²	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	capital expendi- tures (\$1,000)
327123, Other structural clay product manufacturing											
All establishments	7 2 1 - -	53 19 6 8 9 6 5	1 689 45 37 113 350 393 751	55 856 1 091 872 3 097 12 254 12 280 26 262	1 303 32 25 86 260 314 586	2 728 58 45 175 450 669 1 331	38 790 685 561 2 044 7 296 8 632 19 572	146 878 2 412 2 414 7 053 41 140 30 279 63 580	59 435 837 871 2 976 17 252 19 222 18 277	200 791 3 247 3 230 9 826 60 157 46 895 77 436	17 538 200 162 1 097 1 566 2 607 11 906
500 to 999 employees	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
Administrative records ⁴	9	15	31	759	24	44	521	1 643	615	2 258	144

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

¹Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All	All em	ployees	Pr	oduction work	ers		Total	Total	Total capital
		All estab- lish- ments ¹	Number ²	Payroll (\$1,000)	Number ²	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	Total cost of materials (\$1,000)	value of shipments (\$1,000)	expendi- tures (\$1,000)
327123	Other structural clay product manufacturing	53	1 689	55 856	1 303	2 728	38 790	146 878	59 435	200 791	17 538
3271231 3271234	Vitrified clay sewer pipe and fittings . All other structural clay products (architectural terra cotta, drain tile, flue tile, roofing tile, conduit, etc.),	7	572	18 712	439	1 022	13 860	48 238	21 718	65 129	2 838 14 296
	except clay refractories	23	1 021	34 729	788	1 560	23 186	93 339	35 908	128 557	14

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Table 6a. Products Statistics: 2002 and 1997

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

		Number of		Product	shipments
Product code	Product	companies with shipments of \$100,000 or more	Quantity of production for all purposes	Quantity	Value (\$1,000)
327123	Other structural clay product manufacturing	N N	X	X	191 457 120 284
3271231	Vitrified clay sewer pipe and fittings	N N	X	X	50 407 46 531
32712311	Vitrified clay sewer pipe and fittings	N N	x X	X	50 407
3271231100	1997 Vitrified clay sewer pipe and fittings ¹	5 6	X X	X X X	46 531 50 407 46 531
3271234	All other structural clay products (architectural terra cotta, drain tile, flue tile, roofing tile, conduit, etc.), except clay refractories	N N	X	X	135 102 63 929
32712341	All other structural clay products (architectural terra cotta, drain tile, flue tile, roofing tile, conduit, etc.), except clay refractories	N	×	×	135 102
3271234100	1997	N N	â		63 929
3271234100	All other structural clay products (architectural terra cotta, drain tile, flue tile, roofing tile, conduit, etc.), except clay refractories ²	35 23	X X	X	135 102 63 929
327123W	Other structural clay product manufacturing, nsk, total	N	X	X	5 948
327123WY	Other structural clay product manufacturing, nsk, total	N N	X	X	9 824 5 948 9 824
327123WYWW	Other structural clay product manufacturing, nsk, for nonadministrative-record establishments	N N	×	×	3 714
327123WYWY	Other structural clay product manufacturing, nsk, for administrative-record establishments	N N N	X X	X X X	1 682 2 234 8 142

¹For additional detail, see Current Industrial Report MQ327D, Clay Construction Products. ²For additional detail, see Current Industrial Report MA327C, Refractories.

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. Product Class Shipments for Selected States: 2002 and 1997

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS product class code	Product class and geographic area	Value of product shipments (\$1,000)
3271231	Vitrified clay sewer pipe and fittings	
	United States	50 407 46 531
3271234	All other structural clay products (architectural terra cotta, drain tile, flue tile, roofing tile, conduit, etc.), except clay refractories	
	United States	135 102 63 929
	California	44 384
	1997 Ohio	17 151 37 215 23 184

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
327123	Other structural clay product manufacturing		
00900001	Total materials	X	36 403
21232011	Clay, ceramic, and refractory minerals	X	22 975 15 144
32500003	1997 Industrial chemicals		5 835 2 726 1 360
00970099	All other materials and components, parts, containers, and supplies	X	18 162
00971000	Materials, ingredients, containers, and supplies, nsk	X X X	8 862 371 6 918

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.